

Course syllabus

Stadsåterbruk - teori och metod Urban Recycling - Theory and Methods

ASBN06, 7,5 credits, A (Second Cycle)

Valid for: 2023/24

Faculty: Faculty of Engineering, LTH

Decided by: PLED A

Date of Decision: 2023-03-28

General Information

Main field: Architecture with specialization in Sustainable Urban Design.

Compulsory for: MSUD1

Elective for: A4

Language of instruction: The course will be given in English

Aim

The aim of this course is to develop the students' knowledge about the theoretical premises for sustainable urban design. A further aim of the course is to expand the students' frames of reference and enhance their ability with regard to critical reflection around current international trends involving urban processes of transformation. In addition, the course sets out to enhance the students' ability to analyse urban space and structures with regard to sustainability. This is primarily accomplished through qualified analyses of urban space and structures with the aid of recognized tools for theoretical analysis.

Learning outcomes

Knowledge and understanding

For a passing grade the student must

- demonstrate in-depth knowledge about the theoretical premises for sustainable urban design;
- understand the necessity and character of the interplay between the built environment, urban green spaces, urban structure and communications in order to design sustainable urban environments;

- demonstrate awareness about the impact of urban environments on people's wellbeing and a responsible attitude towards the professional role of urban designers;
- demonstrate knowledge about various methods for the analysis of existing urban space and urban structures.

Competences and skills

For a passing grade the student must

- demonstrate the ability to describe, interpret, and discuss theoretical premises, objectives, tools and concepts within the field of sustainable urban design;
- demonstrate the ability to carry out in-depth analyses of urban districts with regard to their structural and socio-economic relationship to surrounding areas and the town of city as a whole, with the aid of recognised visual, theoretical and computer based methods;
- demonstrate the ability to formulate a sustainable development strategy for a confined urban area, with a point of departure in in-depth analyses.

Judgement and approach

For a passing grade the student must

- be able to demonstrate a critical, independent and creative approach to theoretical and methodological points of departure for sustainable urban design;
- be able to demonstrate insight into the necessity of anchoring urban design processes in societal conditions.

Contents

This course provides a theoretical and method oriented complement to course *ASBN02 Sustainable Urban Recycling*. Its content deals primarily with the theoretical premises for sustainable urban development. Tuition is mainly in the form of lectures and seminars. The students are also provided with an orientation and training in the use of the recognised tools and methods for analysing and visualising urban contexts. This work is carried out and presented in the form of assignments closely related to the design task in course *ASBN02 Sustainable Urban Recycling*.

Examination details

Grading scale: UG - (U,G) - (Fail, Pass)

Assessment: Approved assignment work and at least 80% active participation at seminars, lectures and presentations.

The examiner, in consultation with Disability Support Services, may deviate from the regular form of examination in order to provide a permanently disabled student with a form of examination equivalent to that of a student without a disability.

Admission

Admission requirements:

- ATHA10 The Theory and History of Architecture II (Year 2) or ATHA25 The Theory and History of Architecture IV (Year 2)
- ATHF01 The Theory and History of Architecture V
- AADA20 Digital Tools 5
- ASBF05 The Fundamentals of Urban Design
- AAHF01 Sustainable Technology in the Built Environment
- AAHF10 Sustainable Architectural Design
- ATHF01 The Theory and History of Architecture V
- ATHF05 The Theory and History of Architecture VI

- VBEA05 The Construction Process, Basic Course
- AADA25 Digital Tools 6
- AAHF35 Documentation and Communication
- AAHF20 Architecture - In Time and Space or AAHF26 Architecture - In Urban Contexts or AAHF30 Architecture - In the Contemporary

The number of participants is limited to: 36

Selection: Completed university credits within the program. Within programmes where the course is given as a mandatory or elective mandatory course students are guaranteed admission. There after priority is given to students enrolled in programmes that include the course in the curriculum.

The course overlaps following course/s: ASB180, ASBN05

Reading list

- Course compendium and supplementary literature, the contents of which vary from year to year.

Contact and other information

Course coordinator: Louise Lövenstierne, louise.lovenstierne@arkitektur.lth.se

Further information: This course is an in-depth theoretic and method oriented complement to course ASBN02 Sustainable Urban Recycling (15 hp).